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TO: Commissioner for  
Patents  
Attn: Examiner Alicia M. Harrington  
Patent Examining Corps  
Facsimile Center  
Washington, D.C. 20231

FROM: Curtis B. Hamre

OUR REF: 12109.13US01  
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Total pages, including cover letter: 18PTO FAX NUMBER 1-703-872-9318**FAX COPY RECEIVED****DEC 10 2001**

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Title of Document Transmitted: AMENDMENT AND RESPONSE  
Applicant: DONG et al.  
Serial No.: 09/472,585  
Filed: 12/27/99  
Group Art Unit: 2873  
Our Ref. No.: 12109.13US01

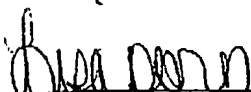
Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: Curtis B. Hamre

Name: Curtis B. Hamre

Reg. No.: 29,165

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S/N 09/472,585

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	DONG ET AL.	Examiner:	ALICIA M. HARRINGTON
Serial No.:	09/472,585	Group Art Unit:	2873
Filed:	12/27/99	Docket No.:	12109.13US01
Title:	SPECTROSCOPIC METHOD FOR ANALYSING ISOTOPES BY USING A SEMICONDUCTOR LASER		

AMENDMENT AND RESPONSE

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Washington, D.C. 20231

DEC 10 2001

TECHNOLOGY CENTER 2800

Dear Sir:

This communication is in response to the Office Action issued September 13, 2001.

AMENDMENTSIn the Drawings

Please correct FIGs 1 and 2 as shown in the enclosed drawings.

In the Specification

Please amend the paragraph beginning at page 3 line 27 to page 4 line 12 as follows.

Furthermore, the fifth aspect according to the present invention provides the spectroscopic method for analyzing isotopes according to the third or the fourth aspect, wherein said said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of the following wavelengths